

Self-Regulating Heating Cables



Self-regulating heating tapes consist of two parallel buswires, embedded semi-conductive self-regulating matrix. This means that the heating cable automatically responds to changes in ambient conditions.



With increase in temperature, the synthetic material expands by molecular force, and the connections between the self-relularing heating, reducing the load. Conversley, as the temperature decreases, so the load increases as the connections between the carbon particles increases accordingly. Thus, the heating power varies according to the temperature of the surface the heating tape is applied to. Self-regulating heating tapes will not overheat or burnout - even when overlapped.

ThermTrace® Micro (TTM)

ThermTrace Micro is a light construction grade self-regulating heating tape that may be used for freeze protection, or low temperature maintenance of pipework and vessels.

- Maximum Exposure Temperature: 65°C
- Available Power Output at 5°C: 11; 17 and 20 W/m

ThermTrace® Lite (TTL)

ThermTrace Lite is a construction / light industrial grade self-regulating heating tape that may be used for freeze protection, or low temperature maintenance of pipework and vessels.

- Maximum Exposure Temperature: 85°C
- Available Power Output at 5°C: 12; 17; 23 and 28 W/m

ThermTrace® Regular (TTR)

ThermTrace Regular is a construction and industrial grade self-regulating heating tape that may be used for freeze protection, or low temperature maintenance of pipework and vessels.

- Maximum Exposure Temperature: 85°C
- Available Power Output at 10°C: 10; 15; 20; 25 and 33 W/m

ThermTrace® Super (TTS)

ThermTrace Super is a construction and industrial grade self-regulating heating tape that may be used for freeze protection, or low temperature maintenance of pipework and vessels.

- Maximum Exposure Temperature: 190°C
- Available Power Output at 10°C: 10; 15; 20; 25; 30; 45 and 60 W/m

ThermTrace® X (TTX)

ThermTrace X is a construction and industrial grade self-regulating heating tape that may be used for freeze protection, or low temperature maintenance of pipework and vessels.



- Maximum Exposure Temperature: 240°C
- Available Power Output at 10°C: 16; 32; 49; 65; 82 and 98 W/m

ThermTrace® RampTrace Super (TTRTS)

ThermTrace Ramptrace Super is a construction grade self-regulating heating tape that may be used for freeze protection, or low temperature maintenance of construction heating applications. The TTRTS is designed for use in concrete.

- Maximum Exposure Temperature: 120°C
- Power Output at 0°C: 65 W/m
- Power Output at 0°C in concrete: 90 W/m

ThermTrace® GutterHeat Lite (TTGHL)

ThermTrace GutterHeat Lite is a self-regulating heating tape that may be used for freeze protection of roofs and gutters.

- Maximum Exposure Temperature: 85°C
- Power Output at 5°C: 23 W/m
- Power Output in ice water: 48 W/m

ThermTrace® GutterHeat (TTGH)

ThermTrace GutterHeat is a self-regulating heating tape that may be used for freeze protection of roofs and gutters.

- Maximum Exposure Temperature: 85°C
- Power Output at 10°C: 25 W/m
- Power Output in ice water: 55 W/m

ThermTrace® WaterHeat (TTWH)

ThermTrace WaterHeat is a construction grade self-regulating heating tape that may be used for temperature maintenance of hot water systems.

- Maximum Exposure Temperature: 85°C
- Available Power Output: 9W/m at 55°C and 12W/m at 60°C